

STATINTL

(Inactive)

NEW MODEL SCREW COMPARATOR HANDLES 18 X 18 INCH PLATES OR FILM  
AND SETS NEW ACCURACY STANDARDS

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[ ] has added Model 880 to its line of precision screw comparators. This two-coordinate measuring comparator, developed for the study of photographs taken by aircraft flying at extremely high altitudes, offers ultra-accuracy heretofore never achieved over an area as large as 18 x 18 inches.

Calibrated screws read to 1 micron along the entire length. This makes possible a degree of accuracy superior to Radar or Doppler techniques, whether the photographs under study are of rockets, missiles, satellites or AA bursts.

Model 880 is furnished with an internal focusing microscope. Magnification can be suited to the material under study by varying the power of the microscope between 12 and 28X. A supporting optical system uses parallel light to observe the position of the rotary stage vernier, reading to 20 seconds of arc through 360° in any point of its travel by means of a convenient fixed eyepiece. A filter magazine is provided to enhance the contrast of the object being viewed. Optional changes to 4 reticle shapes can be made.

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The 880, largest in [ ] complete line of comparators, has many unique features designed especially for operator convenience. Stage position is automatically and instantaneously recorded by the depression of a foot switch. Mechanical traverses along two coordinates with a moving microscope simplify direct reading in microns.

DECLASS REVIEW by NIMA/DOD

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For further information, write to [ ]